

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| S1    | 2    | ("20060044523").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/11/20<br>18:11 |
| S2    | 29   | TEJI DO-JUAN\$9.in. or<br>LUDLEY-FREDERIC\$9.in.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/20<br>18:22 |
| S3    | 16   | ("20010000973"  <br>"20020176054"  <br>"20030202159"   "5355187"  <br>"5394204"   "5398086"  <br>"6508571"   "6552754").PN. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/20<br>18:27 |
| S4    | 238  | martinez-joseph.xa.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/20<br>18:27 |
| S5    | 7    | S4 and integrator   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/20<br>18:28 |
| S6    | 27   | S4 and rod  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/20<br>18:30 |
| S7    | 8    | S4 and pipe   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/20<br>23:00 |

|     |       |  |   |    |     |                     |
|-----|-------|--|---|----|-----|---------------------|
| S8  | 35    | ("5126836"   "5528318"  <br>"5548347"   "5845981"  <br>"5892623"   "6170953"  <br>"6205271"   "6219110"  <br>"6317170"   "6330112"  <br>"6351324"   "6411440"  <br>"6457832"   "6493149"  <br>"6508554"   "6511184"  <br>"6587269").FN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/11/20<br>23:00 |
| S9  | 16    | ("4656562"   "4918583"  <br>"5296892"   "5748288"  <br>"6005722").FN. OR<br>("6205271").URFN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/11/20<br>23:07 |
| S10 | 25    | ("5513023"   "5625738"  <br>"5712694"   "5751480"  <br>"5884991"   "6053615"  <br>"6104454"   "6139157").FN.<br>OR ("6587269").URFN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/11/21<br>00:49 |
| S11 | 12    | ("20030021098"  <br>"2003008066"  <br>"20050002169"   "4744615"  <br>"4765718"   "5059013"  <br>"5396350"   "5829858"  <br>"6332688"   "6517210"  <br>"6587269"   "7125120").FN.<br>OR ("7298940").URFN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/11/21<br>01:13 |
| S12 | 30    | ("5829858").URFN.  | USPAT   | OR | ON  | 2007/11/21<br>01:36 |
| S13 | 0     | (the adj like).dlm.  | USPAT   | OR | ON  | 2007/11/21<br>01:36 |
| S14 | 34    | ("3740570"   "3962702"  <br>"4298869"   "4680579"  <br>"4763975"   "4887074"  <br>"4897639"   "4943154"  <br>"5022043"   "5108172"  <br>"5278542"   "5293437"  <br>"5430501"   "5526063"  <br>"5534949"   "5552840"  <br>"5651599"   "5684368"  <br>"5724062"   "5815221"  <br>"5829858"   "5920297"  <br>"5936599"   "5987190"  <br>"6097367"   "6219014"  <br>"6249088"   "6281949"  <br>"6333724"   "6396466"  <br>"6480634").FN. OR<br>("7088321").URFN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/11/21<br>02:34 |
| S15 | 11046 | ((359/629,501,497) or<br>(349/62) or<br>(385/27,31,39,43,52) or<br>(362/553,555)).OCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/11/21<br>02:49 |

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| S16 | 3263    | ((light near4 (integrator or rod or pipe)) same (modulat\$4 or valve or (liquid near3 crystal))) and project\$4 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | OR | ON  | 2007/11/21<br>02:36 |
| S17 | 98      | S15 and S16   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | OR | ON  | 2007/11/21<br>02:36 |
| S18 | 5601    | ((359/629,497) or (349/62) or (385/31) or (362/553,555)).CCLS   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2007/11/21<br>02:51 |
| S19 | 4764    | ((359/629,497) or (349/62) or (385/31)).CCLS  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2007/11/21<br>02:51 |
| S20 | 3246    | ((359/629,497) or (349/62) or (362/553,555)).CCLS   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2007/11/21<br>02:51 |
| S21 | 2389    | (385/31).CCLS   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2007/11/21<br>02:51 |
| S22 | 3489    | ((359/629,497) or (349/62) or (362/553,555)).CCLS   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2008/08/19<br>23:55 |
| S23 | 1753283 | @pd>="20071101"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/19<br>23:55 |
| S24 | 105792  | @ad>="20071101"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/19<br>23:56 |

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| S25 | 1753352 | S23 or S24   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/19<br>23:56 |
| S26 | 255     | S22 and S25  | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/19<br>23:56 |
| S27 | 1003655 | @pd>="20080901"                                    | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/12<br>12:59 |
| S28 | 12558   | @ad>="20080901"                                    | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/12<br>12:59 |
| S29 | 1003723 | S27 or S28   | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/12<br>13:00 |
| S30 | 3714    | ((359/629,497) or (349/62) or (362/553,555)).OCLS. | US-PGPUB;<br>USPAT;<br>USCOR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2009/03/12<br>13:00 |
| S31 | 206     | S29 and S30  | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/12<br>13:00 |
| S32 | 6       | (light near4 pipe) same<br>(phase near4 mask)      | US-PGPUB;<br>USPAT;<br>USCOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/12<br>13:00 |

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| S33 | 21  | (US-20060044523-\$ or US-20020176054-\$ or US-20050213046-\$ or US-20060098451-\$).did. or (US-6508571-\$ or US-7066601-\$ or US-7270457-\$ or US-7052150-\$ or US-7184213-\$ or US-6205271-\$ or US-6953275-\$ or US-6424786-\$ or US-6005722-\$ or US-6587269-\$ or US-7192147-\$ or US-7092159-\$ or US-7088321-\$ or US-6318863-\$ or US-5829858-\$ or US-5889567-\$).did. or (US-20020071274-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT  | OR | ON  | 2009/03/12<br>13:28 |
| S34 | 3   | S33 and mask   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/12<br>13:29 |
| S35 | 2   | ("5504627").FN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/12<br>13:29 |
| S36 | 500 | (light near4 pipe) with (epoxy or match\$4)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/12<br>13:54 |
| S37 | 114 | (light near4 pipe) with (epoxy or match\$4) with source  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/12<br>13:55 |
| S38 | 16  | ("20040066645"  <br>"20040179348"  <br>"20050116235"  <br>"20050185421"  <br>"20060002141"  <br>"20060098453"  <br>"20060114693"   "6386720").<br>FN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/12<br>14:13 |
| S39 | 32  | (light near4 pipe) with (epoxy) with source  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/12<br>14:17 |

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| S40 | 46  | (("20030004385"  <br>"20040077909"  <br>"20040249229"  <br>"20050154246"  <br>"20060084831"  <br>"20060089517"  <br>"20060161033"   "3326866"  <br>"3531545"   "4242530"  <br>"4515661"   "4992612"  <br>"4992613"   "5120894"  <br>"5153165"   "5288370"  <br>"5300718"   "5898091"  <br>"6586649").FN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/12<br>14:22 |
| S41 | 28  | (("20040002169"  <br>"20040233679"  <br>"20050207177"  <br>"20060008237"  <br>"20060062013"  <br>"20060203352"  <br>"20060262514"  <br>"20070236956"   "5005108"  <br>"5982540"   "6144536"  <br>"6227682"   "6341876"  <br>"6869206").FN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/12<br>14:23 |
| S42 | 122 | (("20030031029"  <br>"20030086066"   "3913872"  <br>"4373775"   "4460940"  <br>"4656562"   "5296892"  <br>"5307207"   "5386250"  <br>"5414489"   "5463497"  <br>"5581683"   "5610763"  <br>"5625738"   "5634704"  <br>"5636003"   "5662410"  <br>"5680257"   "5829858"  <br>"5867320"   "5870296"  <br>"5975703"   "6005722"  <br>"6137631"   "6155687"  <br>"6205271"   "6236449"  <br>"6243149"   "6246450"  <br>"6249382"   "6260974"  <br>"6272269"   "6285423"  <br>"6341876"   "6343862"  <br>"6375330"   "6377336"  <br>"6396647"   "6419365"  <br>"6428198"   "6452088"  <br>"6505957"   "6508571"  <br>"6517211"   "6533427"  <br>"6549339"   "6554464"  <br>"6558007"   "6578999"  <br>"6587269"   "6655820"  <br>"6672724"   "6698891"  <br>"6715880"   "6739723"  <br>"6796686"   "6798577"  <br>"6827450"   "6830342").FN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/12<br>14:28 |
| S43 | 1   | (10/849265).APP.  | USPAT; USOCR  | OR | ON | 2009/03/12<br>14:28 |

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| S44 | 59      | "20030031029"  <br>"20030086066"   "3913872"  <br>"4373775"   "4460940"  <br>"4656562"   "5296892"  <br>"5307207"   "5386250"  <br>"5414489"   "5463497"  <br>"5581683"   "5610763"  <br>"5625738"   "5634704"  <br>"5636003"   "5662410"  <br>"5680257"   "5829858"  <br>"5867320"   "5870296"  <br>"5975703"   "6005722"  <br>"6137631"   "6155687"  <br>"6205271"   "6236449"  <br>"6243149"   "6246450"  <br>"6249382"   "6260974"  <br>"6272269"   "6285423"  <br>"6341876"   "6343862"  <br>"6375330"   "6377336"  <br>"6396647"   "6419365"  <br>"6428198"   "6452088"  <br>"6505957"   "6508571"  <br>"6517211"   "6533427"  <br>"6549339"   "6554464"  <br>"6558007"   "6578999"  <br>"6587269"   "6655820"  <br>"6672724"   "6698891"  <br>"6715880"   "6739723"  <br>"6796686"   "6798577"  <br>"6827450"   "6830342").FN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/03/12<br>14:28 |
| S45 | 3892    | ((359/629,497) or (349/62) or<br>(362/553,555)).OCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2009/08/31<br>11:40 |
| S46 | 1123593 | @pd>="20090301"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/31<br>11:42 |
| S47 | 21384   | @ad>="20090301"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/31<br>11:42 |
| S48 | 1123662 | S46 or S47  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/31<br>11:42 |

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|-----|---------|---|---|----|-----|---------------------|
| S49 | 194     | S45 and S48   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/31<br>11:42 |
| S50 | 2754    | (385/31).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2009/08/31<br>11:58 |
| S51 | 99      | S48 and S50   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/31<br>11:59 |
| S53 | 4       | ((("6220714") or<br>("20055174771") or<br>("4765718")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/16<br>09:51 |
| S54 | 4       | ((("6220714") or<br>("200505174771") or<br>("4765718")).PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/16<br>09:51 |
| S55 | 2       | ("20050174771").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/16<br>09:57 |
| S56 | 2       | ("6318863").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/16<br>10:02 |
| S57 | 4064    | ((359/629,497 or (349/62) or<br>(362/553,555)).CCLS.        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2010/02/16<br>10:24 |
| S58 | 1110774 | @pd>="20090901"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/16<br>10:25 |



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| S59 | 12747   | @ad>="20090901"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/16<br>10:25 |
| S60 | 1110837 | S58 or S59  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/16<br>10:25 |
| S61 | 172     | S57 and S60   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/16<br>10:25 |
| S62 | 0       | ("7660043").FN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/02/16<br>10:27 |
| S63 | 194     | quantum near4 dot near4<br>(polarization polarizing polar<br>\$4)     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/16<br>12:00 |
| S64 | 6       | quantum near4 dot near4<br>(polarization polarizing polar<br>\$4).ti. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/16<br>12:00 |
| S65 | 14568   | quantum adj dot   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/16<br>12:15 |
| S66 | 1184776 | (polarization polarizing polar<br>\$4)                                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/16<br>12:16 |
| S67 | 382     | S65 with S66  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/16<br>12:16 |

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|-----|-------|--|---|----|-----|---------------------|
| S68 | 21    | ((quantum adj dot) with (polarization polarizing polar \$4)).dm. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/16<br>12:17 |
| S69 | 2     | ("6203304").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/02<br>19:56 |
| S70 | 2     | ("5268049").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/02<br>19:57 |
| S71 | 4518  | silane with seal\$4  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/02<br>19:57 |
| S72 | 88747 | electrochromic electrophoretic                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/02<br>19:58 |
| S73 | 142   | S71 and S72  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/02<br>19:58 |
| S74 | 4     | S71 with S72   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/02<br>19:58 |
| S75 | 2     | ("5209871").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/02<br>19:59 |
| S76 | 2     | ("5151816").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/06/02<br>20:02 |

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| S77 | 23900   | silane with epoxy  | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/02<br>20:03 |
| S78 | 13225   | silane near4 epoxy   | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/02<br>20:03 |
| S79 | 253     | electrochromic same inject\$4<br>same seal\$4  | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/02<br>20:28 |
| S80 | 111     | electrochromic with inject\$4<br>with seal\$4  | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/02<br>20:29 |
| S81 | 3       | electrochromic with inject\$4<br>with seal\$4 with (vent\$4<br>exhaust\$4 equilibrate equalize<br>equilibrium) | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/02<br>20:31 |
| S82 | 3       | electrochromic with inject\$4<br>with seal\$4 with vent  | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/02<br>20:35 |
| S83 | 1       | S71 and S80  | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/06/02<br>20:35 |
| S84 | 7124    | ((359/629,497) or (349/62) or<br>(385/31) or (362/553,555)).<br>COLS.  | US-PGRUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | OR | OFF | 2010/07/18<br>22:17 |
| S85 | 1173982 | @pd>="20100201"  | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/07/18<br>22:17 |

|     |         |                 |   |    |    |                     |
|-----|---------|-----------------|---|----|----|---------------------|
| S86 | 18268   | @ad>="20100201" | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/18<br>22:17 |
| S87 | 1174051 | S85 or S86      | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/18<br>22:17 |
| S88 | 304     | S84 and S87     | US-PGRUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/07/18<br>22:17 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query  | DBs         | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-------------|------------------|---------|------------------|
| S52   | 0    | (illumination and light and aperture and pipe and gap and width and coupl\$4 and refract\$4 and index and integrat\$4 and solid).cim. | USPAT; UPAD | OR               | ON      | 2009/08/31 11:48 |

7/19/10 10:43:31 AM

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